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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/598,593	06/21/2000	John R Johnson	AVERP2580USA	7556

7590

09/11/2002

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EXAMINER

CHANG, VICTOR S

ART UNIT	PAPER NUMBER
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1771

DATE MAILED: 09/11/2002

69

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/598,593

Applicant(s)

JOHNSON ET AL.

Examiner

Victor S Chang

Art Unit

1771

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 August 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
2. Claims 1-6, 8-10, and 16 are rejected under 35 U.S.C. 103(a) as obvious over Johnson et al. (US 5518786) either individually, or in view of Ellison (US 5985079), substantially for the reasons set forth in sections 6, 7, and 8 of Paper No. 6, together with the following additional observations.

With respect to Applicant's Response arguing that Johnson fails to disclose, teach or suggest the claimed fade print layer (Response, page 6, 1st paragraph), the Examiner maintains that color coat is for decorative purpose in general, and fade coat or print layer is inherently one type of color coats, and it is conventional and clearly within the skill of the art to print a fade color design as a color coat. Alternatively, Ellison teaches that decorative effects may be applied between the outer and inner layers, or both, by methods such as printing (gravure, screen or flexography), tinting, vacuum metallizing, vacuum metallizing with tinting or vacuum metallizing with hologram printing (column 7, lines 54-58). As such, it would have been obvious to one of ordinary skill in the art to print Ellison's color design as a fade print coat to Johnson's decorative sheet, motivated by the desire to provide decorative fade color design.

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3. Claims 11-15 and 17-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Johnson et al. in view of Carroll, Jr., substantially for the reasons set forth in section 9 of Paper No. 6. Also see additional observations as set forth above.

4. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Johnson et al. (US 5518786) either individually, or in view of newly cited Alexander et al. (US 4533704).

Upon reconsideration, the Examiner now would like to withdraw the objection to claim 7, set forth in section 10 of Paper No. 6, for the following reasons:

The teachings of Johnson are relied again upon as set forth above. While Johnson does not expressly teach that the clear coat is a polyester film, it is believed that a clear coat with urethane modified polyester for automotive exterior coating is well known and within the skill of the art. Alternatively, Alexander teaches a clear coat coating system which has excellent adherence to metal and plastic substrates and possess superior weathering properties. The clear coat composition comprises hydroxy-containing urethane modified polyester (Abstract). As such, it would have been obvious to one of ordinary skill in the art to replace Johnson's clear coat layer with Alexander's urethane modified polyester, motivated by the desire to provide a clear coat system with lower cost.

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. In addition, the following references are cited of interest for making automotive decorative coating:

US 4877657 to Yaver

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6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Victor S Chang whose telephone number is 703-605-4296. The examiner can normally be reached on 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Terrel H Morris can be reached on 703-308-2414. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9310 for regular communications and 703-872-9311 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0661.

VSC
VSC
September 6, 2002

DANIEL ZIRKER
PRIMARY EXAMINER
GROUP 1900
1700

Daniel Zinker